HEALTH AFFAIRS

TRICARE Management Activity

TRICARE Management Activity

WELCOME

IM/IT SPEAKER TRACK

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DoD Smart Card Information Briefing

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SMART CARD PILOTS

- Ongoing in DoD since 1992
- Results document: - Improvements in business processes - Improvements in quality of life - Enhancements in mission capability - Some cost savings (Business Case Analyses)
- However, cost savings not sufficiently identifiable to fund program.

WHY A SMART CARD?

- Satisfy requirements for updateable information on a portable medium
- Eliminate redundant data entry
- Reduce proliferation of single use, non-standard automated cards
- A tool that enables improvements of business processes

SMART CARD DECISION

- **Dr. Hamre/Defense Management Council (DMC) decision**

  on 24 Sep 1999 to adopt DoD Smart Card
- **DEPSECDEF Memo, Subject: Smart Card Adoption and Implementation (dated 10 Nov 1999)**
- **DoD Common Access Card (CAC)**
  - **Provide physical and logical access**
  - **Be military and civilian ID card**
  - **Platform for PKI hardware token (Class 3 maybe Class 4)**
- **Include multiple media (mag strip, chip, bar code)**

SMART CARD DECISION
(continued)

- **Use DEERS/RAPIDS platform, for card issuance and maintenance**
- **DoD CIO:**
  - **Authorized to modify existing DEPSECDEF PKI guidance to accommodate CAC**
  - **Directed to execute initial CAC implementation NLT Dec 30, 2000**
  - **Directed to establish Smart Card Configuration Management Control Board (SCCMCB)**
    - **allocation of space on chip for Component-specific applications**
    - **integration of cross-functional requirements**

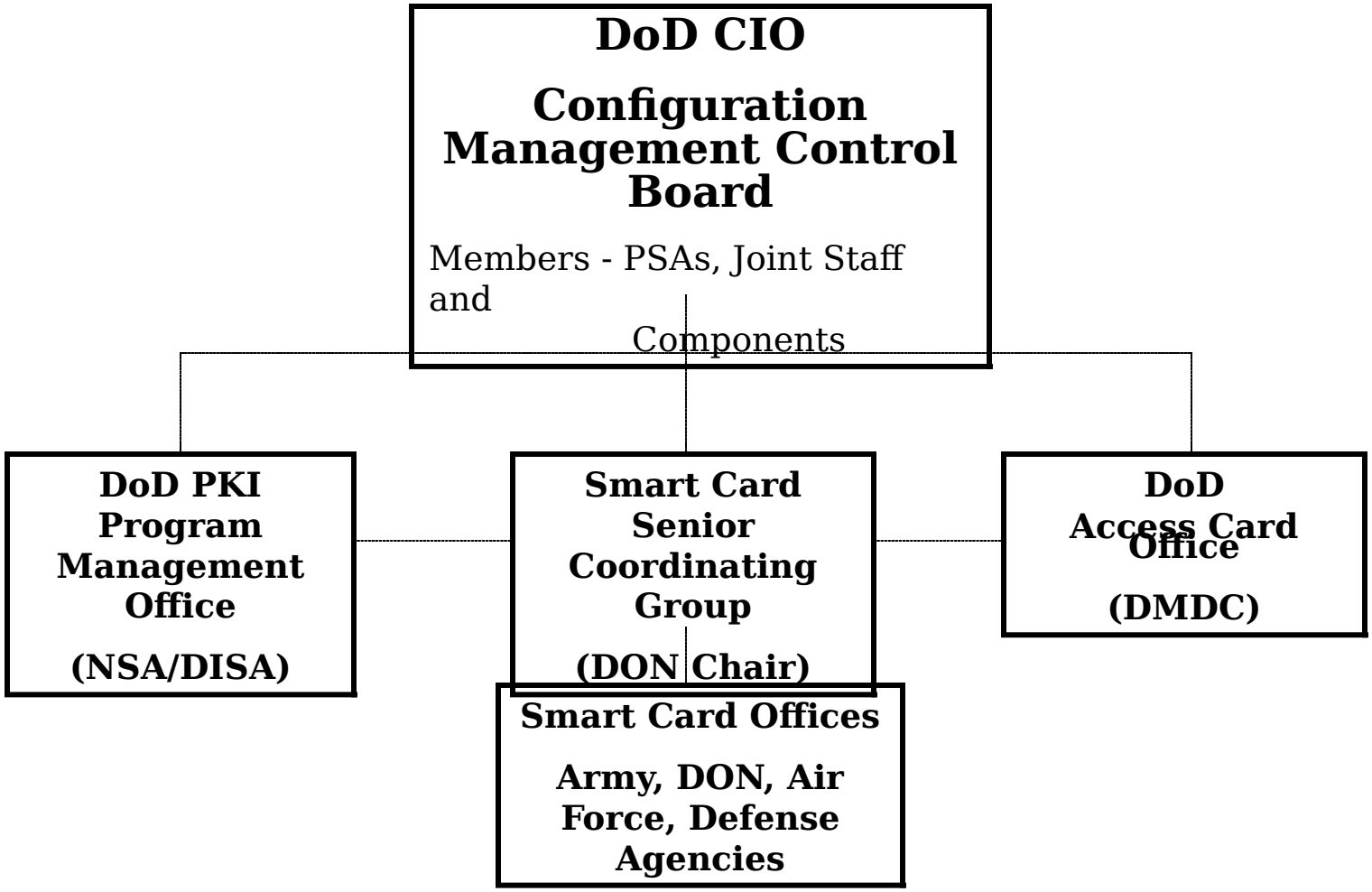
SMART CARD DECISION

(continued)

- **Establishes Smart Card Senior Coordinating Group (SCSCG)**
  - **Chaired by Department of Navy**
  - **Develop and implement interoperability standards**

- **OSD functional leaders to convene community panels**

Common Access/ID/Smart Cards Configuration Management Organization



WHO GETS A DOD SMART CARD?

- **Active duty military**
- **Selected Reserve/National Guard**
- **DoD civilian employees**
- **DoD contractors inside the firewall**

(Approximately 4 million people)

CHARACTERISTICS OF DOD SMART CARD

- **Crypto co-processor (for PKI)**
- **16K to 32K (availability/cost)**
- **~ $6 per card**
- **Interoperability Goal: any operating system, any card, any reader**
- **Compliant with and documented in Joint Technical Architecture (JTA)**

CARD ISSUANCE

- **Real-time Automated Personnel Identification System (RAPIDS) is CAC smart card issuing system**
  - **1318 workstations at 878 sites in 13 countries**
  - **Has been tested and is operational in Hawaii**
- **PKI Local Registration Authority (LRA) integrated into RAPIDS infrastructure**
- **Central configuration management**

USE OF EXISTING DATABASE MANAGEMENT

- **Defense Enrollment Eligibility Reporting System (DEERS) provides initial data to RAPIDS for CAC issuance**
- **Develop capability for:**
  - **back-up storage of smart card data**
  - **tool for card management**
  - **PKI revocation tool**
  - **PKI archive site**

(DEERS may be part of the solution)

CAC and Applications

- **Joint Warrior Readiness**
  - **Reduce data entry/paper handling**
  - **Reduce time to create medical records**
  - **Increase accuracy of information**
  - **Reduce assessment time**
  - **Support unit deployability status**
- **Department of Veteran Affairs**
  - **Preliminary discussions on “Veteran’s Information Card”**
  - **Leverage on CAC**

DEPARTMENT OF DEFENSE VISION

- **Improved support of our warfighters**
- **Mission enhancement**
- **Readiness improvements**
- **Quality of life improvements**
- **Enhanced information assurance**

- **Commitment to innovation through the reformation of business process and exploitation of technology to achieve goal of efficiency**

NTEGRATION CHALLENGE

- **Evaluate enterprise business processes - how can we, as an enterprise, improve**
- **Multiple Single-Function Infrastructures**

- **Single Multi-Function Infrastructure**
  - **Military personnel** (ID Cards)
  - **Civilian personnel** (ID Cards)
  - **Building security** (Building Passes)
  - **Information security support** (Network Access Control, Digital Signature for business applications)

TIMELINE

- **Timeline:** **FY 00 - Planning; software development; beta test 4thQ**

  FY 01 - Upgrade/expand existing RAPIDS infrastructure; begin card issuance

  FY 02 - Complete initial card issuance
- **Budget**
  - **RAPIDS Upgrades and Additions**
  - **Cardstock and Consumables**
  - **Software Development**
  - **Does *not* include $ for applications or applications hardware**

QUESTIONS?

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